

Listing and Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for treating burned tissue ~~burns~~, comprising:
 - situating at least one absorbent apparatus containing at least one substance comprising saline substantially adjacent to said burned tissue;
 - affixing at least one ultrasonic signal emitting device substantially adjacent to said at least one ~~substance~~ absorbent apparatus, such that said signal emitting device is at least in indirect contact with said tissue; and,
 - applying at least one ultrasonic signal emitted from said at least one ultrasonic signal emitting device to said at least one ~~substance~~ absorbent apparatus so as to effect movement of at least a portion of said at least one substance into said burned tissue.
2. (Original) The method of claim 1, wherein said at least one ultrasonic signal has a frequency range between about 15 kHz and about 5 MHz.
3. (Original) The method of claim 1, wherein said at least one ultrasonic signal has an intensity range between about 125-mW/sq. cm and about 225-mW/sq. cm.
4. (Original) The method of claim 1, wherein said at least one ultrasonic signal comprises about two alternating waveforms.
5. (Original) The method of claim 4, wherein said waveforms comprise a substantially square waveform portion.
6. (Original) The method of claim 4, wherein said waveforms comprise a substantially sawtooth waveform portion.

7. (Original) The method of claim 1, wherein said tissue comprises skin.

8. (Currently Amended) The method of claim 1, ~~wherein said at least one substance is contained within an absorbent transdermal apparatus, and~~ wherein said absorbent transdermal apparatus releases at least a portion of said at least one substance when said at least one signal is applied to said absorbent ~~transdermal~~ apparatus.

9. (Currently Amended) The method of claim 8, wherein said at least one ultrasonic signal emitting device is located within said absorbent ~~transdermal~~ apparatus.

10. (Currently Amended) The method of claim 8, wherein said absorbent ~~transdermal~~ apparatus is selected from the group consisting of a pad, patch, bandage, and wrap.

11. (Original) The method of claim 8, wherein said at least one ultrasonic signal emitting device comprises at least one transducer element.

12. (Currently Amended) The method of claim 11, wherein said at least one transducer element comprises an array of transducers coupled to said absorbent ~~transdermal~~ apparatus.

13. (Original) The method of claim 1, wherein said at least one ultrasonic emitting device comprises a cymbal type flat transducer.

14. (Original) The method of claim 1, wherein said at least one ultrasonic signal emitting device comprises an array of stacked transducers.

15. (Currently Amended) A method for treating burned tissue, comprising:
 situating ~~a transdermal~~ an absorbent material containing apparatus
 containing at least one medicament in at least partial contact with said burned tissue;
 ~~situating at least one medicament substantially adjacent to or at least partially within said transdermal apparatus;~~

~~affixing~~ situating at least one ultrasonic signal emitting device in at least partial contact with said ~~transdermal~~ absorbent material containing apparatus; and,

applying at least one ultrasonic signal emitted from said at least one ultrasonic signal emitting device to said ~~at least one transdermal~~ absorbent material containing apparatus, so as to effect movement of at least a portion of said at least one medicament into said burned tissue.